



Fire Science Technology

Program: Fire Science Technology

Program Code:

FS

Academic Area:

Science, Technology, Engineering and Mathematics

Type:

Associate in Science

Campus:

Fall River

CIP Code:

43.0203

Program Goals Statement

This program will prepare a new student for a career in the public fire service or private fire science field, such as the insurance industry, as well as foster career advancements of current firefighters. Degree gives a solid background in the Fire Science core curriculum and general education.

Program Information

- Courses are offered both days and evenings.
- Courses delivered via traditional classroom or online.

Recommended Electives

- CRJ 101 Introduction to Criminal Justice; CRJ 221 Juvenile Offenders; CRJ 256 Criminal Investigation; FIR 158 Plans Review; FIR 170 Emergency Care I; FIR 171 Emergency Care II; FIR 254 Report Writing; FIR 255 Related Fire Codes and Ordinances; FIR 260 Juvenile Fire Awareness.

After Bristol

- Graduates are serving as local fire chiefs, captains, lieutenants, firefighters, fire inspectors, fire investigators, and insurance inspectors.
- Recent graduates have transferred to baccalaureate programs in Fire Science at Salem State College, Anna Maria College, and Providence College.
- If you plan to transfer to a four-year institution, visit the Transfer Affairs website at BristolCC.edu/transfer

Infused General Education Competencies

Multicultural Perspective



Degree Requirements

General Courses

Course #	Title	Credits
COM 104	Fundamentals of Public Speaking	3
CSS 101	College Success Seminar	1
ENG 101	Composition I: College Writing	3
ENG 102	Composition II: Writing about Literature	3
	Two-course History Sequence	6
MTH 111	Technical Mathematics for Fire Science	3
	PSY 101 or SOC 101	3

Elective Courses

Course #	Title	Credits
SCI 116	Science, Technology, and Society: The Chemistry of Hazardous Toxic Materials	4
	Fire Science Information Literacy Elective	0-3

Program Courses

Course #	Title	Credits
FIR 111	Introduction to Fire Protection	3
FIR 113	Fundamentals of Fire Prevention	3
FIR 150	Fire Investigation	3
FIR 157	Leadership and Command	3
FIR 159	Building Construction for Fire Prevention	3
FIR 253	Firefighting Tactics and Strategy	3
FIR 261	Fire Hydraulics	3
FIR 262	Fire & Emergency Safety & Survival	3
FIR 263	Fire Protection Systems and Equipment	3

Program Electives

Course #	Title	Credits
	Fire Science Program Electives	6-8



Recommended Course Sequence - Semester 1

Course #	Title	Credits
CSS 101	College Success Seminar	1
ENG 101	Composition I: College Writing	3
FIR 111	Introduction to Fire Protection	3
FIR 113	Fundamentals of Fire Prevention	3
	HST 111 or HST 113	3
MTH 111	Technical Mathematics for Fire Science	3

Recommended Course Sequence - Semester 2

Course #	Title	Credits
ENG 102	Composition II: Writing about Literature	3
FIR 150	Fire Investigation	3
SCI 116	Science, Technology, and Society: The Chemistry of Hazardous Toxic Materials	4
	HST 112 or HST 114	3
	PSY 101 or SOC 101	3

Recommended Course Sequence - Semester 3

Course #	Title	Credits
COM 104	Fundamentals of Public Speaking	3
FIR 159	Building Construction for Fire Prevention	3
FIR 261	Fire Hydraulics	3
FIR 262	Fire & Emergency Safety & Survival	3
FIR 263	Fire Protection Systems and Equipment	3

Recommended Course Sequence - Semester 4

Course #	Title	Credits
	Fire Science Information Literacy Elective	0-3
FIR 157	Leadership and Command	3
FIR 253	Firefighting Tactics and Strategy	3
	Fire Science Program Electives	6-8
	Total credits:	60



Category Descriptions

Two-course History Sequence

Credits: 6

Choose one two-course history sequence.

Course #	Title	Credits
	HST 111 and HST 112	6
	HST 113 and HST 114	6

PSY 101 or SOC 101

Credits: 3

Choose one of the following:

Course #	Title	Credits
PSY 101	General Psychology	3
SOC 101	Principles of Sociology	3

Fire Science Information Literacy Elective

Credits: 0-3

Information Literacy Elective can be waived for students who have successfully completed two online or hybrid courses.

Choose one of the following:

Course #	Title	Credits
CIS 110	Basic Computing Skills	3
CIS 111	Introduction to Business Information Systems	3
CIS 113	Hospitality Management Information Systems	3
CIS 120	Programming: Logic, Design and Implementation	3
CIS 122	Internet Developer	3

Fire Science Program Electives

Credits: 6-8

Choose one of the following: Complete FIR 170 and FIR 171 in sequence or six credits of program electives.



Course #	Title	Credits
	FIR 170 and FIR 171	8
	CRJ and FIR Electives	6